

ABSTRACT OF THE DISCLOSURE

An image reading apparatus includes image sensor chips and control chips for controlling the operation of the image sensor chips. Each image sensor chip, including a plurality of photoelectric converters, performs the outputting and resetting of accumulated electric charge due to light detection. Each control chip includes resolution data input terminals for inputting resolution data to specify resolution, and also a reset signal generator for generating a reset signal for performing the resetting of the accumulated electric charge. The reset signal is generated in a selected one of the cycles that corresponds to the resolution data inputted into the terminals.

(Fig. 3)